

CLAIMS

1. An angiogenesis inhibitor containing an ansamycin antibiotic or a pharmacologically acceptable derivative thereof as an active ingredient.
2. The angiogenesis inhibitor according to claim 1, wherein the ansamycin antibiotic is rifampicin, rifamycin SV or 3-formyl rifamycin.
3. The angiogenesis inhibitor according to claim 1 or 2, wherein the pharmacologically acceptable derivative is a pharmacologically acceptable salt or a hydrate thereof.
4. The angiogenesis inhibitor according to any one of claims 1 to 3, wherein angiogenesis in malignant tumor is inhibited.
5. The angiogenesis inhibitor according to any one of claims 1 to 3, wherein angiogenesis in diabetic retinopathy is inhibited.
6. The angiogenesis inhibitor according to any one of claims 1 to 3, wherein angiogenesis in retinal angiogenesis is inhibited.
7. The angiogenesis inhibitor according to any one of claims 1 to 3, wherein angiogenesis in an inflammatory disease is inhibited.
8. The angiogenesis inhibitor according to any one of claims

1 to 3, wherein angiogenesis accompanying cardiovascular remodeling is inhibited.

9. A method for screening an angiogenesis-inhibiting substance wherein a test substance is added to cultured vascular endothelial cells, and an angiogenesis-inhibiting signal based on gene expression level is detected.

10. The method for screening an angiogenesis-inhibiting substance according to claim 9, wherein the angiogenesis-inhibiting signal based on reduced gene expression level in a cultured cell line is similar to the change induced by endostatin at a concentration showing a tumor regression effect.

11. The method for screening an angiogenesis-inhibiting substance according to claim 9 or 10, wherein the angiogenesis-inhibiting signal based on reduced gene expression level in a cultured cell line consists of one or more of an immediate early response gene or a related gene thereof, a growth/cell-cycle-related gene, a cell adhesion factor, a vasoactive factor, and a vasoactive factor receptor gene expressed in a vascular endothelial cell.